



Republic of the Philippines
Department of Education
Region VII, Central Visayas
Province of Bohol
TAGBILARAN CITY DIVISION
City of Tagbilaran



October 25, 2018

DIVISION MEMORANDUM
No. 624 s. 2018

CONDUCT OF THE PROVINCIAL CHEMISTRY OLYMPIAD 2018

TO: All Private Secondary School Principals
All Public Secondary School Principals/ Assistant Principals /Head Teachers
All School Consultants

1. This Office announces the conduct of the **Bohol Provincial Chemistry Olympiad 2018, on November 10, 2018 at Dr Cecilio Putong National HS.** The resulting top 10 chemistry qualifiers will represent our province, **BOHOL** to the **Regional Elimination for the Chemistry Olympiad 2018** this coming **November 24, 2018, Saturday at the Chemistry Lobby, 3rd flr of the Arnoldus Science Building, University of San Carlos-Talamban Campus, Nasipit, Talamban, Cebu City.**
2. A registration fee of 200.00 per participant is required which will be inclusive of snacks and certificates and other incidental expenses relative to the conduct of the activity.
3. Expenses to this activity shall be charged to PTA, Canteen, SSG funds and other local school funds subject to the usual accounting and auditing rules and procedures.
4. For the guidelines and more information, please refer to the attach file for your guidance.
5. Compliance to this memorandum is desired.


VIRGINIA C. ZAPANTA, Ed.D., CESO V
Schools Division Superintendent



United Nations
Educational, Scientific and
Cultural Organization



UNESCO Clubs in the Philippines
UNESCO Clubs in the Philippines

October 23, 2018

VIRGINIA C. ZAPANTA Ed.D., CESO V
Schools Division Superintendent
Department of Education
Old City Hall Building, Tagbilaran City

DEPARTMENT OF EDUCATION
SCHOOLS DIVISION
RECEIVED

Dear Mrs. Zapanta,

BY: JW TIME: 11:41 AM
DATE: 10/24/18 CTR #: _____

Greetings of Peace and Joy!

The University of San Carlos-Chemistry Students' Association (USC-ChemSA), in collaboration with the Department of Chemistry, will hold its annual **Chemistry Olympiad** at the *provincial level*. This aims to inculcate interest in Chemistry among high school students through healthy academic competition.


In this connection, we would like to ask for your endorsement for the dissemination of this activity to the different schools around Bohol. This competition will be held simultaneously on **November 10, 2018** at three (3) various locations in Region 7 to accommodate participants from different provinces: University of San Carlos – Talamban Campus in Cebu, Don Cecilio Putong National High School in Bohol, and Silliman University in Negros Oriental.

The competition is open to ALL private and public schools. Attached herewith are the guidelines for this activity. The resulting top ten (10) participants will represent their respective provinces to the **Regional Chemistry Olympiad 2018** on **November 24, 2018** and will have the chance to compete in the **Philippine National Chemistry Olympiad** on **January 24, 2019**.


Should you have any clarifications, you may reach us at the USC Department of Chemistry, +32 230 0100 loc 157 or +32 344 6715. You may also e-mail your concerns to zneppen88@gmail.com or qmamaquilang@usc.edu.ph.

We are hoping for your favorable response. Thank you.

Respectfully,


JANIELLE BERNICE GUION
President, USC Chemistry Students' Association

Noted by:


QUEENIE MARIE A. MAQUILANG
Adviser, USC Chemistry Students' Association

Endorsed by:


BRIAN JOHN SARNO, Ph.D.
Chair, USC Department of Chemistry



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USC Chemistry Students' Association
Member of the National Association of
UNESCO Clubs in the Philippines

PROVINCIAL CHEMISTRY OLYMPIAD 2018 GUIDELINES

A. THE CONTESTANTS

1. All participating schools must confirm their attendance on or before November 3, 2018.
2. Each school will send three (3) students currently enrolled in Grade 9, 10, 11, and 12. The coach must also be employed on the same school.
3. The participants shall fill up the registration forms an hour before the competition starts. A registration fee of PhP 200.00 per participant is required.
4. Students must be in their proper school uniform with their valid IDs on the day of the competition.

B. CONTEST COVERAGE

| | | |
|-------------------------------|-------------------------------|---|
| Atomic theory | Chemical Kinetics | Gas Laws |
| The Periodic Table | Precipitation Reactions (Ksp) | Intermolecular forces |
| Trends in Periodic Properties | Oxidation-Reduction reactions | Phase Diagram |
| The Mole | Enthalpy | Concentration of solutions |
| Stoichiometry | Entropy | Colligative Properties |
| Chemical bonding | Free Energy | Electrochemistry |
| Ionic and covalent compounds | Calorimetry | Nuclear chemistry |
| Acids and Bases (pH, Ka, Kb) | Atomic and molecular orbitals | Classes of organic compounds |
| Chemical Equilibria | Orbital hybridization | Functional groups |
| Classes of Chemical Reactions | Molecular Geometry | Organic reaction mechanisms |
| | Lewis structures | Organic spectroscopy (H-NMR, C-13 NMR, IR, Mass Spec) |

C. THE MECHANICS

1. Registration is from 7:00 AM until 8:00 AM at the Chemistry Lobby, 3rd floor of the Arnoldus Science Complex, USC Talamban Campus, Nasipit, Talamban, Cebu City. Participants and coaches must register themselves during the indicated period.
2. Prior to examination, the participants must place their valuables on the area provided by the examiners.
3. Scratch papers and periodic table of elements are provided to the participants and shall be returned at the end of examination.
4. The competition consists of a 60-item written multiple choice examination. The participants shall finish answering the examination for two hours. All examination sheets and other materials provided by the organizers shall be submitted afterwards.
5. Strictly NO EXTENSION TO LATECOMERS.
6. Participants shall bring their own calculator, pen, liquid eraser, pencil, etc. Inspection shall be done prior to the start of examination. Pocket and programmable calculators are strictly prohibited.
7. Each item is worth one point.
8. Questions concerning the examination shall be addressed only to the proctor.
9. Strictly NO CHEATING and NO TALKING TO OTHER PARTICIPANTS.
10. The ten highest scoring participants shall represent the province for the Regional Chemistry Olympiad 2018. Announcement of qualifiers shall be done an hour after the examination period.